

Problem Identification



Scoping research Problem definition study Product/compound analysis On-site sampling Feasibility study

Ideas generation Patent search Benchmarking study Technical literature search Brainstorming activity Collaboration study Funding research

Idea screening / evaluation

Market study Technology study

Solution definition

Product development

Research / development

Compound formulation Chemical synthesis

Prototyping

Custom synthesis Scale up of manufacture

Testing / Evaluating Trials Chemical analysis Destructive / non-destructive testing Product Evaluation

Into Manufacture

In-plant trials Process layout / design Process engineering On-site sampling